

**ABSTRACT**

Described herein are methods, devices, and formulations for making and using synthetic hoof shoes, repairing an animal's hooves, and/or providing prophylactic measures for protecting an animal's hooves. In general a synthetic material is applied either in situ to the hoof area of a hoofed animal or is used to produce a pre-molded shoe to be attached to the hoof area of a hoofed animal.